

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in this application:

Listing of Claims:

1.-32. (Cancelled)

33. (Currently amended) An autologous T-cell vaccine consisting of inactivated T cells that are reactive against SEQ ID NOS: 1-6.

34.-42. (Cancelled)

43. (New) An autologous T cell vaccine comprising inactivated T cells elicited from a patient sample comprising mononuclear cells by a combination of antigens consisting of SEQ ID NOS:1-6.

44. (New) The T cell vaccine according to claim 33, wherein the T cells are inactivated by irradiation.

45. (New) The T cell vaccine according to claim 43, wherein the T cells are inactivated by irradiation.

46. (New) The T cell vaccine according to claim 43, wherein the patient sample comprises peripheral blood T cells.

47. (New) The T cell vaccine according to claim 43 wherein the patient sample comprises cerebrospinal fluid T cells

48. (New) A method of treating multiple sclerosis comprising administering to a patient in need thereof the autologous T cell vaccine according to claim 33.

49. (New) A method of treating multiple sclerosis comprising administering to a patient in need thereof the autologous T cell vaccine according to claim 43.